

## Complex Fractions

Complex fractions have a fraction in the numerator and in the denominator.

Write each complex fraction as a division problem. Then divide and write each quotient in simplest form.

1.  $\frac{\frac{1}{2}}{\frac{1}{4}} =$

2.  $\frac{\frac{3}{4}}{\frac{1}{12}} =$

3.  $\frac{\frac{1}{2}}{\frac{1}{24}} =$

4.  $\frac{7\frac{1}{2}}{2} =$

5.  $\frac{3\frac{1}{7}}{6} =$

6.  $\frac{8}{3\frac{1}{3}} =$

7.  $\frac{6\frac{2}{3}}{3\frac{3}{4}} =$

8.  $\frac{3\frac{1}{7}}{1\frac{3}{4}} =$

9.  $\frac{6\frac{1}{4}}{5\frac{5}{8}} =$

10.  $\frac{\frac{5}{6}}{\frac{1}{5}} =$

11.  $\frac{\frac{1}{100}}{\frac{1}{10}} =$

12.  $\frac{\frac{3}{12}}{\frac{1}{3}} =$

13.  $\frac{3\frac{1}{3}}{\frac{5}{6}} =$

14.  $\frac{4\frac{1}{5}}{1\frac{3}{4}} =$

15.  $\frac{3\frac{1}{7}}{1\frac{5}{6}} =$

Solve.

16. Penny has  $1\frac{1}{2}$  grapefruits. There are 3 people. How much of a grapefruit does each person get?

17. How many  $\frac{1}{4}$ -pound sticks of margarine must be used in a recipe calling for  $\frac{1}{2}$ -pound of margarine?

18. How many  $\frac{2}{3}$ -ounce bottles of perfume can Ms. Revon get from 12 ounces?

19. How many pieces of  $\frac{3}{4}$ -inch paper can be cut from a strip  $6\frac{3}{4}$  inches long?